

## Hull PCT Health Outcome and Expenditure Comparison for Primary Care and Community Care 2008/2009

### **Key findings**

- Spend on general medical services and patient medical services in Hull for 2008/2009 is lower spend compared to England, outside one standard deviation of the England average, which may require further investigation.
- Hull general medical services and patient medical services for 2008/2009 ranks 15<sup>th</sup> for spend out of 16 PCTs in the Industrial Hinterlands cluster.
- Spend had increased by £3 per head for 2008/2009 in Hull compared to the previous year,

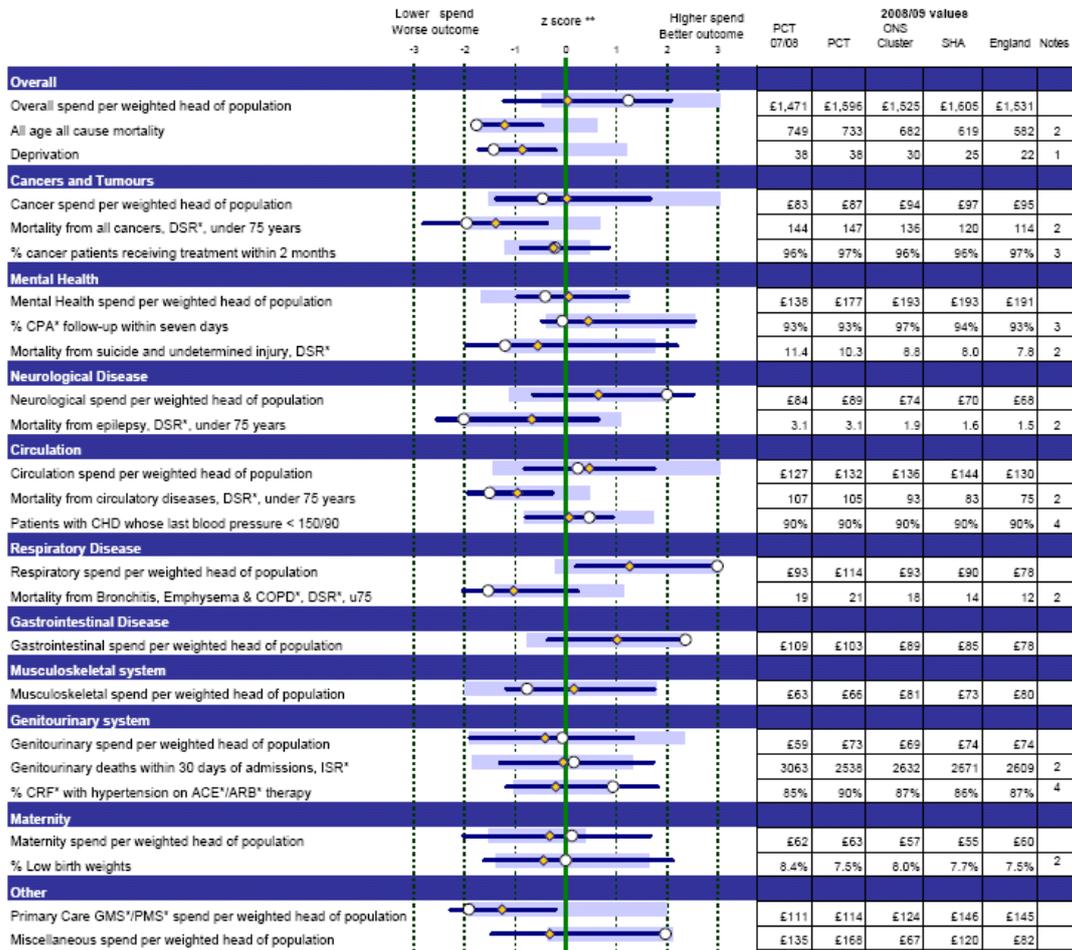
### **Introduction**

Programme budgeting is a well-established technique for assessing investment in health programmes rather than services. The purpose of this report is to provide an overall view of Hull PCT expenditure for primary care and community care programmes, one of the key priority goals set out for World Class Commissioning.

The Health Outcome and Expenditure Comparison Tool supplied by the Yorkshire and Humber Public Health Observatory and Department of Health highlights better/worse outcomes for spend across individual programmes relative to the England average, and The Office for National Statistics (ONS) Industrial Hinterlands cluster rank for 2008/2009. However, there is no specific outcome available in the comparison tool for primary and community care programmes.



### Hull PCT Industrial Hinterlands



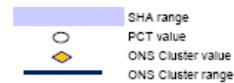
**\*\* z scores**

A z score essentially measures the distance of a value from the mean (average) in units of standard deviations. A positive z score indicates that the value is above the mean whereas a negative z score indicates that the value is below the mean. A z score of -2 or 2 or more indicates that the value is statistically significantly different to the mean (at the 95% confidence level).

- \*ACE - Angiotensin converting enzyme inhibitor
- \*ARB - Angiotensin receptor blocker
- \*COPD - Chronic Obstructive Pulmonary Disease
- \*CPA - Care Programme Approach
- \*CRF - Chronic Renal Failure
- \*DSR - Directly Standardised Rate per 100,000
- \*GMS - General Medical Services contract
- \*ISR - Indirectly Standardised Rate per 100,000
- \*PMS - Patient Medical Services contract

**Notes**

1. Population weighted average Index of Multiple Deprivation (IMD) score, 2007
2. NCHOD 2005/07 data
3. Healthcare Commission 2007/08
4. Quality and Outcome Framework 2007/08



**ONS Cluster**

Clusters are used to group PCTs together according to key characteristics common to the population in that grouping. The Office of National Statistics derive these groupings, known as clusters, from census data.

Figure 1 displays programme spend per head for 2008/2009 for primary care against the England average, ONS cluster average and Strategic Health Authority average (SHA). Clusters are used to group PCTs together according to key characteristics common to the population in that grouping. ONS derive these groupings, known as clusters, from census data, however although Hull has been grouped in the Industrial Hinterlands cluster it is most unlike all the other PCTs within this cluster.

The England average is displayed with a straight green line, with a z score given to each programme measuring the distance of a value from the average in units of standard deviations. Programmes outside the dotted line +/- 1 z score, may require further investigation. Approximately 30% of outcomes/expenditure will be outside this line. A programme outside the dotted line +/- 2 z scores indicates that the data is significantly different from the England average, requiring further investigation. Approximately 5% of outcomes/expenditures will be outside this line.

Hull's programme spend for general/personnel medical services for 2008/2009 was £114 compared to the England average £145, giving a z score of -1.9. Spend lies marginally within two standard deviations of the England average, requiring further investigation. There is an increase of £3 spend per head for 2008/2009 compared to the previous year, with spend outside two standard deviations of the England average in the previous year. The Strategic Health Authority average was £146 for 2008/2009.

Hull's general/personnel medical programmes for 2008/2009 ranks 15<sup>th</sup> for spend out of 16 PCTs in the Industrial Hinterlands cluster, with the average for the cluster £126 (spine chart mean of 12 Industrial Hinterlands PCTs). Hull general and personnel medical programmes for 2007/2008 ranks 16<sup>th</sup> (lowest in group).